

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A booth for accommodating a person, the booth defining a booth volume and comprising:

a base portion and a top portion;

flow means for causing air to move in a downward air flow within the booth, the downward airflow defining a predetermined volume within the booth;

recirculating means for recirculating the air within the booth;

filtering means for filtering the air within the booth; and

projecting means for projecting a product into at least some of the booth volume and onto a body of a person positioned in the booth,

wherein the flow means comprises a first plenum of positive pressure located in the top portion of the booth, and a second plenum of negative pressure located in the base of the booth, one or more air input grills associated with the first plenum and one or more foot grates associated with the second plenum, and wherein the first and second plenums are connected to one another via a duct, and wherein the filtering means comprises a first filter for filtering wet particulate material and second filter for filtering dry particulate material, wherein the first filter is positioned within the duct in a lower portion of the duct associated with the second plenum and the one or more foot grates, and the second filter is associated with the one or more input grills.

2. (Original) A booth according to claim 1, further comprising temperature means for controlling the temperature of air circulating within the booth.

3. (Original) A booth according to claim 2 wherein the temperature means maintains the air flow to be maintained at about 29°C to 30°C.

4. (Original) A booth according to claim 2, wherein the temperature means maintains the air flow at about 33°C.

5. (Currently Amended) A booth according to claim[[s]] 2, [[3 or 4]] wherein the temperature means comprises a heater.

6. (Cancelled).

7. (Currently Amended) A booth according to claim 1 [[6]] wherein the first plenum is adapted to pressurize[[s]] air to a pressure in excess of ambient pressure, and the second plenum is adapted to depressurize[[s]] air to less than atmospheric pressure.

8. – 9. (Cancelled).

10. (Currently Amended) A booth according to claim 1 [[9]] wherein the duct comprises a plurality of duct sections.

11. (Currently Amended) A booth according to ~~any one of the preceding~~ claim[[s]] 1 wherein the recirculating means comprises a fan.

12. (Currently Amended) A booth according to claim 1 ~~9 or any claim dependent thereon~~, wherein the recirculating means is located within the duct.

13. (Original) A booth according to claim 12 wherein the recirculating means has a maximum cross-sectional dimension, and the duct has a maximum cross-sectional dimension which is substantially greater than the cross-sectional dimension of the recirculating means.

14. (Currently Amended) A booth according to ~~any one of the preceding claim~~[[s]] 1, wherein the filter means comprises a ~~first~~ third filter comprising a low impedance filter for filtering wet particulate material.

15. (Currently Amended) A booth according to ~~any one of the preceding claim~~[[s]] 1, wherein the filter means comprises a ~~second~~ fourth filter comprising a second low impedance filter for filtering wet particulate material.

16. – 18. (Cancelled).

19. (Currently Amended) A booth according to claim 1 ~~17 or claim 18~~ wherein the ~~fourth~~ second filter has an impedance that varies across the filter.

20. (Currently Amended) A booth according to ~~any one of the preceding claim~~[[s]] 1 wherein the filter means comprises a fifth filter comprising a first filter component comprising a relatively high impedance filter, and a second filter component comprising a combined mechanical and electrostatic filter.

21. – 22. (Cancelled).

23. (Currently Amended) A booth according to ~~any one of the preceding claim~~[[s]] 1 wherein the predetermined volume comprises a portion of the booth volume.

24. (Currently Amended) A booth according to ~~any one of the preceding claim~~[[s]] 1 wherein the projecting means comprises a hand held tool.

25. (Original) A booth according to claim 24 wherein the hand held tool comprises an air gun.

26. (Original) A booth according to claim 25 where the hand held tool comprises an airless sprayer.

27. (Currently Amended) A booth according to ~~any one of claim[[s]] 1 to 23~~ wherein the projecting means comprises a remotely operable tool.

28. (Original) A booth according to claim 27 wherein the remotely operable tool comprises a plurality of nozzles adapted to project the product into the predetermined volume.

29. (Original) A booth according to claim 28 wherein the remotely operable tool further comprises adjustment means for adjusting the height of the nozzles.

30. (Original) A booth according to claim 29 wherein the adjustments means additionally adjusts the attitude of the nozzles.

31. (Currently Amended) A booth according to ~~any one of claim[[s]] 27 to 30~~ wherein the remotely operable tool comprises a nozzle support defining a substantially actuate shape, the nozzles being positioned to spray the product into an area defined by the nozzle support.

32. (Currently Amended) A booth according to ~~any preceding~~ claim 1 comprising a remotely operable tool with means to automatically transport the tool to provide spraying between two zones in the booth.

33. (Original) A booth according to claim 32 wherein the automatic transport means comprises at least one slider unit moveable vertically between two positions, the slider unit supporting at least one spray means.

34. (Currently Amended) A booth according to ~~any preceding~~ claim 1 comprising spray guns which are directed to spray product horizontally and/or at an angle to the horizontal (whether upwardly or downwardly) and/or some combination of these.

35. – 38. (Cancelled).

39. (Currently Amended) A method for applying a product to a human body using a booth as claimed in ~~any one of claim~~[[s]] 1 ~~to 31~~.

40. (Currently Amended) A method for applying a product to a human body using the tool of claim 24 [[35]].

41. (Currently Amended) A method for applying a product to a human body comprising the steps of:

providing a flow means for causing air to flow in a downward air flow within a booth, the downward air flow defining a predetermined volume within the booth;

causing air to flow in a downward direction onto the human body within the booth, the booth defining a booth volume and comprising a base portion and a top portion;

providing a recirculating means for recirculating the air within the booth;

providing a projecting means for projecting a product into at least some of the booth volume onto the human body, the flow means comprising a first plenum of positive pressure located in the top portion of the booth, and a second plenum of negative pressure located in the base of the booth, one or more air input grills associated with the first plenum and one or more foot grates associated with the second plenum, the first and second plenums being connected to one another via a duct;

recirculating the air flowing onto the human body;

filtering the air to remove wet and dry particulate material;

projecting a product onto the human body, wherein the step of filtering the air to remove wet or dry particulate material comprises passing the air through a first filter for filtering wet particulate material;

passing the air through a second filter for filtering dry particulate material, wherein the first filter is positioned within the duct in a lower portion of the duct associated with the second plenum and the one or more foot grates, and the second filter is associated with one or more input grills.

42. (Original) A method according to claim 41 further comprising the step of controlling the temperature of the air flow onto the human body.

43. (Currently Amended) A computer programmed product directly loadable into the internal memory of a digital computer, comprising software code portions for performing the steps of the method of claim 41 ~~or claim 42~~.

44. – 46. (Cancelled).

47. (New) A method according to claim 41 comprising the further step of passing the air through a third filter comprising a low impedance filter for filtering wet particulate material.

48. (New) A method according to claim 41 comprising the further step of passing the air through a fourth filter comprising a second low impedance filter for filtering dry particulate material.

49. (New) A method according to method claim 41 comprising the further step of passing the air through a fifth filter comprising a first filter component comprising a relatively high impedance filter, and second filter component comprising a combined mechanical and electrostatic filter.